

## Keeping Satellites in Space – Where Science and Engineering Meet

Locations	Lecture Theatre 117, Physics West Building
Date(s)	Wednesday 5th March 2014 (18:00-19:30)
Download	<a href="#">Add to Calendar (/events/lectures/keeping-satellites-in-space---where-science-and-engineering-meet.aspx?ical=true)</a>
Registration URL	<a href="http://www.birmingham.ac.uk/university/colleges/eps/events/distinguished-lecture/Prof-Martin-Sweeting.aspx">http://www.birmingham.ac.uk/university/colleges/eps/events/distinguished-lecture/Prof-Martin-Sweeting.aspx</a> ( <a href="http://www.birmingham.ac.uk/university/colleges/eps/events/distinguished-lecture/Prof-Martin-Sweeting.aspx">http://www.birmingham.ac.uk/university/colleges/eps/events/distinguished-lecture/Prof-Martin-Sweeting.aspx</a> )

Professor Sir Martin Sweeting, Director of the Surrey Space Centre, delivers the first EPS Distinguished Lecture



Since 1981, Sir Martin has pioneered rapid-response, low-cost and highly-capable small satellites utilising modern terrestrial COTS devices to 'change the economics of space'. In 1985 he formed a spin-off University company (SSTL) which has designed, built, launched and operated in orbit 41 nano, micro, and mini-satellites – including the international Disaster Monitoring Constellation (DMC) and the first Galileo navigation satellite (GIOVE-A) for ESA. SSTL has grown to 610 staff with annual revenues exceeding £100M and exports over £0.5Bn – it is currently manufacturing 22 navigation payloads for the Galileo (Full Operational) Constellation, 3 high-resolution (1-metre) Earth Observation mini-satellites and a low-cost medium-resolution SAR mini-satellite (NovaSAR).

As Director of the Surrey Space Centre and a distinguished professor at the University of Surrey, Sir Martin leads a team of 90 faculty and doctoral researchers investigating advanced small satellite concepts and techniques, acting as the research laboratory for SSTL - real academic-commercial synergy. Sir Martin has been appointed OBE and knighted by HM The Queen, elected a Fellow of the Royal Society and a Fellow of the Royal Academy of Engineering and most recently has received the prestigious von Karman Wings Award from CalTech/JPL. He is a member of the UK Space Agency Leadership Council.

Register for places at the College [event page \(http://www.birmingham.ac.uk/university/colleges/eps/events/distinguished-lecture/Prof-Martin-Sweeting.aspx\)](http://www.birmingham.ac.uk/university/colleges/eps/events/distinguished-lecture/Prof-Martin-Sweeting.aspx)